

## DESCRIPTION

COMMUNICATION APPARATUS AND DATA RETRANSMISSION CONTROLMETHOD

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## 5 Technical Field

The present invention relates to a communication apparatus and a data retransmission control method for use in a wireless communication system where high speed packet transmission is performed on downlink channels.

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## Background Art

Heretofore, for example, in the field of wireless communication systems, HSDPA (High Speed Downlink Packet Access) and the like have been proposed whereby a plurality  
15 of communication terminal apparatuses (i.e. mobile stations) share high speed and high volume downlink channels and perform high speed packet communication on downlink channels. With high speed packet transmission schemes including HSDPA, multiplexing is performed using  
20 the time unit of slots and the like or spreading code. Individual communication terminal apparatuses each observe the condition of the propagation path on downlink channels from the base station apparatus, and report the observation result to the base station apparatus.

25 At the base station apparatus, techniques that are used to improve the efficiency of transmission include scheduling techniques whereby the base station apparatus